

145th
COMMENCEMENT



Jefferson Medical College
1824-1969

Friday, June Sixth
Nineteen Hundred and Sixty-Nine
Half Past Ten O'clock

The Academy of Music

PROCESSIONAL - - - - - Pomp and Circumstance - - - - - ELGAR
Trumpet Voluntary in D - - - - - PURCELL

THE NATIONAL ANTHEM

INVOCATION - - - - - THE REVEREND WALTER R. HARRISON,
A.B., B.D., M.A., D.D.
Chaplain at the Lutheran Home for the Aged and a
member of the Board of Trustees of Lankenau Hospital

CONVOCATION - - - - - PETER A. HERBUT, M.D., C.M., D.Sc., *President*

PRESENTATION OF CANDIDATES

FOR DEGREES IN COURSE - - - - - WILLIAM F. KELLOW, B.S., M.D., D.Sc.
Dean and Vice President

CONFERRAL OF DEGREES IN COURSE - - - - - PRESIDENT HERBUT

Doctor of Philosophy

The Oath of Hippocrates - - - - - DAVID R. MORGAN, M.S., M.D., D.P.H.
Professor of Pathology

Doctor of Medicine

Master of Science

CONFERRING OF HONORARY DEGREES - - - - - PRESIDENT HERBUT

Doctor of Letters

WILLIAM POTTER WEAR, Ph.B.

Life Trustee

Citation to be read by:

Brandon Barringer, A.B., Sc.D. (Hon.)

Chairman of the Finance Committee

of the Board of Trustees

Doctor of Laws

JOHN H. GIBBON, JR., A.B., M.D., Sc.D. (Hon.)

*The Samuel D. Gross Professor of Surgery,
Emeritus, Jefferson Medical College*

Citation to be read by:

Thomas David Duane, B.S., M.S., M.D., Ph.D.

Professor of Ophthalmology and Head of the
Department

Doctor of Humane Letters

FREDERIC K. MILLER, A.B., A.M., Ph.D.,
Litt.D., L.H.D., Ped.D.

*Commissioner for Higher Education
The Commonwealth of Pennsylvania*

Citation to be read by:

James M. Large, B.S., L.H.D. (Hon.)

Chairman of the Board of Trustees

ADDRESS - - - - - FREDERIC K. MILLER,
A.B., A.M., Ph.D., Litt.D., L.H.D., Ped.D., L.H.D.

BENEDICTION - - - - - THE REVEREND WALTER R. HARRISON

RECESSIONAL - - - - - Trumpet Voluntary - - - - - JOHN STANLEY

W. ERNEST WELLS, Mus.B., Ed.M., *Organ*

ANDREW J. RAMSAY, A.B., Ph.D., *Grand Marshal*

FRANCIS J. SWEENEY, JR., B.A., M.D., *Assistant Grand Marshal*

CHARLES P. KRAATZ, A.B., A.M., Ph.D., *Marshal of Distinguished Guests*

SAMUEL S. CONLY, JR., A.B., M.D., *Marshal*

ROBERT P. GILBERT, A.B., M.D., *Marshal*

JOHN H. KILLOUGH, B.S., Ph.D., M.D., *Marshal*

JOSEPH S. GONNELLA, A.B., M.D., *Marshal*

JAMES E. CLARK, A.B., M.D., *Marshal of the Graduating Class*

RICHARD LLOYD NEMIROFF, A.B., '70

CHARLES ALBERT WALTERS, A.B., '70

CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

- EVA BROWN CRAMER (Anatomy) - - - - - Flushing, N. Y.
Thesis: "Experimental Analysis of Follicle Stimulating Hormone (FSH) Synthesis and Release on Rats with Chronic Hypothalamic Lesions."
- CHRISTOPHER CHUNG-KIT LEUNG (Anatomy) - - - - - Hong Kong
Thesis: "Teratogenesis induced with Heterologous Antisera to Acellular Extracts of Rat Visceral Yolk Sac Membrane."
- MARIANNE LOUISE EGAN (Biochemistry) - - - - - Jersey City, N. J.
Thesis: "Investigation of Antibody Formation against Synthetic Polypeptides Employing the Technique of Local Hemolysis in Gel."
- PHILEMON MAGHIMBI MSUYA (Biochemistry) - - - - - Kampala, Uganda
Thesis: "Developmental Aspects of Tyrosine Metabolism." (In Absentia)
- ROBERT G. STOCKMAL (Microbiology) - - - - - Philadelphia, Pa.
Thesis: "Purification and Characterization of 'Alpha Toxin' as Produced by Three Strains of Staphylococcus aureus."
- MARK DAVID BROWN (Pathology) - - - - - Philadelphia, Pa.
Thesis: "The Pathophysiology of the Intervertebral Disc."
- WILLIAM CLARK LAMBERT (Pathology) - - - - - Henderson, Ky.
Thesis: "Synchrony and Reversible Unbalanced Growth in HeLa Cells Treated with Deoxythymidine."
- ROBERT ANTHONY VUKOVICH (Pharmacology) - - - - - Long Branch, N. Y.
Thesis: "The Effect of Chlorpromazine on the Toxicity and Biotransformation of Parathion and Paraoxon."
- CORNELIA MARY DETTMER (Physiology) - - - - - Ardmore, Pa.
Thesis: "Effect of Ionizing Radiation upon the Microcirculation."
- MARY OSBAKKEN HOLMES (Physiology) - - - - - Decatur, Ill.
Thesis: "Cardiovascular and Respiratory Responses to Intestinal Stimulation."
- MELVIN ANDREW JOHNSON, JR. (Physiology) - - - - - Xenia, Ohio
Thesis: "Alterations in the Hemodynamics and Metabolism of the Liver Consequent to Hemorrhagic Stress."
- S. LAURETTA PIERCE (Physiology) - - - - - Harrisburg, Pa.
Thesis: "Mechanism of Sucking and Deglutition in Infants and Adults."

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

- | | |
|---|--|
| ROBERT ABEL, JR. - - - - - Rydal, Pa. | EDWARD DRASIN - - - - - Philadelphia, Pa. |
| DAVID JOHN ADDIS - - - - - Bordentown, N. J. | FREDERICK JOHN DUDENHOEFER - - - - - Erie, Pa. |
| RICHARD LAWRENCE ALLMAN - - - - - Havertown, Pa. | MARTIN JOSEPH DURKIN - - - - - Oreland, Pa. |
| JOHN BETHUNE ANDERSON - - - - - Philadelphia, Pa. | EDWARD FRANCIS DZIOB - - - - - Buffalo, N.Y. |
| PETER MATTHEW ANSON - - - - - Allentown, Pa. | MARC STEPHEN EBEL - - - - - Drexel Hill, Pa. |
| ROBERT LESLIE ARKUS - - - - - Bayonne, N. J. | GARY ALAN EDWARDS - - - - - Philadelphia, Pa. |
| LOUIS BERNARD BALIZET - - - - - Hatboro, Pa. | ROBERT WRAY EGDELL - - - - - Armonk, N. Y. |
| ALAN BARON - - - - - Merion, Pa. | DAVID J. ESSICK - - - - - Maple Glen, Pa. |
| VAN S. BATCHIS - - - - - Penns Grove, N. J. | PETER MICHAEL FARMER - - - - - Philadelphia, Pa. |
| JOHN H. BAUER - - - - - Cheltenham, Pa. | HOWARD ISAAC FINKLE - - - - - Trenton, N. J. |
| STANLEY BENZEL - - - - - New Haven, Conn. | WALTER JAMES FINNEGAN - - - - - Carteret, N. J. |
| GARRETT E. BERGMAN - - - - - Upper Darby, Pa. | RICHARD LEE FIREMAN - - - - - Philadelphia, Pa. |
| LAWRENCE STEPHEN BERMAN - - - - - Philadelphia, Pa. | DANIEL FORKIN - - - - - Morris Plains, N. J. |
| ANDREW CHARLES BOCKNER - - - - - Mamaroneck, N. Y. | KAY ELLEN BURDETTE FRANK - - - - - Charleston, W. Va. |
| PETER ROBERT BONAFIDE - - - - - Manhasset, N. Y. | JOHN FREDERICK FRANTZ, II - - - - - Pittsburgh, Pa. |
| STANLEY NEIL BRAND - - - - - Queen's Village, N. Y. | SAMUEL ROBERT FREEDMAN - - - - - Philadelphia, Pa. |
| ALAN S. BRICKLIN - - - - - Philadelphia, Pa. | JULES MARTIN FRIEDMAN - - - - - Philadelphia, Pa. |
| CHARLES CHRISTIAN BRIGGS, III - - - - - Panama City, Panama | ROBERT HILTON FRIEDMAN - - - - - Philadelphia, Pa. |
| GARY LOUIS BUSENKELL - - - - - Flourtown, Pa. | WALTER JOSEPH GADKOWSKI - - - - - Chatham, N. J. |
| JOHN ROBERT BUSSARD - - - - - Philadelphia, Pa. | PETER ANDREW GEHRET - - - - - Wilmington, Del. |
| THOMAS FRANCIS CARRIG, JR. - - - - - Cherry Hill, N. J. | ALEXANDER CHARLES GELLMAN - - - - - Wood-Ridge, N. J. |
| WILLIAM GEORGE CHODOFF - - - - - Merion Station, Pa. | MICHAEL JOHN GINIECZKI - - - - - Philadelphia, Pa. |
| JOHN ANTHONY CLEMENT - - - - - Philadelphia, Pa. | SALVATORE PAUL GIRARDO - - - - - Philadelphia, Pa. |
| CHARLES THEODORE CLINE, JR. - - - - - Parkersburg, W. Va. | LEONARD MARK GLASSMAN - - - - - Wynnewood, Pa. |
| LINDA LORRAINE COLEMAN - - - - - Sunbury, Pa. | MICHAEL RICHARD GOLDIN - - - - - Great Neck, N. Y. |
| DONNA LAURE COOPER - - - - - Huntingdon Valley, Pa. | HARRIS MICHAEL GOODMAN - - - - - Philadelphia, Pa. |
| JAMES RICHARD COOPER - - - - - Pittsburgh, Pa. | JAMES EDWARD GOODRICK - - - - - Sharon, Pa. |
| JUDITH MARION COOPER - - - - - Springfield, Pa. | DALE BARTLETT GOUGER - - - - - Rye, N. Y. |
| GARY STEPHEN COREN - - - - - Philadelphia, Pa. | BARRY CHARLES GROSS - - - - - Philadelphia, Pa. |
| PAUL EDWARD COTTON - - - - - Ardmore, Pa. | RICHARD CHILDREY GROSS - - - - - Huntingdon Valley, Pa. |
| PAUL JOSEPH COVERDALE - - - - - Philadelphia, Pa. | CHARLES FREDERICK VON GRUNAU - - - - - Philadelphia, Pa. |
| MARVIN EDWARD CRAMER - - - - - Landenberg, Pa. | RICHARD FRANK GRUNT - - - - - Union, N. J. |
| THOMAS JOSEPH CUOMO, JR. - - - - - Brooklyn, N. Y. | HAROLD ROGER HANSEN - - - - - Livingston, N. J. |
| JOHN HOMER DE FRANCE - - - - - Williamstown, N. J. | JAMES DONALD HECKMAN - - - - - Huntington, W. Va. |
| JOHN THOMAS DEL GIORNO - - - - - Philadelphia, Pa. | WILLIAM JOSEPH HEIM - - - - - Bellmawr, N. J. |
| ANTHONY JOHN DEL ROSSI - - - - - Philadelphia, Pa. | DAVID FREDERICK HENDERSON - - - - - Madison, Me. |
| ROBERT GEORGE DIAKUN - - - - - Bellerose, N. Y. | CAROL BETH HERSH - - - - - Princeton, N. J. |
| CHRISTOPHER ROYER DONOHO, JR. - - - - - Newark, Del. | HERBERT HENRY HEYM - - - - - Newtown Square, Pa. |

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

FREDERICK NICHOLAS IFFT - - - Evans City, Pa.
 RICHARD ALAN INSEL - - - Silver Spring, Md.
 ROBERT ELLIOTT JACOBSON - - - Philadelphia, Pa.
 THOMAS MICHAEL KAIN, III - - - Haddonfield, N. J.
 JONATHAN S. KAPLAN - - - Philadelphia, Pa.
 DAVID J. KATZ - - - Johnstown, Pa.
 MORTON ALLAN KAVALIER - - - West Hartford, Conn.
 JOHN JOSEPH KEVENEY, JR. - - - Philadelphia, Pa.
 MARSHALL DEAN KINSEY - - - Moorestown, N. J.
 M. LEONARD KLEIMAN - - - Merion Station, Pa.
 ALAN ERIC KRAVITZ - - - Margate, N. J.
 ALFRED GAYLORD KREBS - - - Drexel Hill, Pa.
 TRUVOR VADYM KUZMOWYCH - - - Philadelphia, Pa.
 LINDA KATHERINE LANE - - - Philadelphia, Pa.
 THOMAS ANDREW LANE - - - Philadelphia, Pa.
 RICHARD M. LEPIE - - - Boston, Mass.
 FUREY ANTHONY LERRO - - - Philadelphia, Pa.
 SANDER JAY LEVINSON - - - Scranton, Pa.
 ROBERT ALLAN LUSTIG - - - Englewood, N. J.
 JOHN HARPER MACINDOE, II - - - Arlington, Va.
 JAMES VALENTINE MACKELL, JR. - - - Cheltenham, Pa.
 ROBERT MORROW MACMILLAN, JR. - - - Paulsboro, N. J.
 LEE ARNALL MALIT - - - Yeadon, Pa.
 GERALD ALAN MANDELL - - - Philadelphia, Pa.
 JUSTIN MANG - - - Hong Kong
 ALAN RICHARD MAURER - - - Glen Cove, N. Y.
 ALFRED J. MAURIELLO, II - - - Philadelphia, Pa.
 DAVID BROOKE MCCONNELL - - - Toledo, Ohio
 THOMAS JOSEPH MCGLYNN, JR. - - - Philadelphia, Pa.
 EDWARD WILLIAM MCGOVERN, JR. - - - Wilmington, Del.
 THOMAS PATRICK MCMAHON - - - Philadelphia, Pa.
 KATHLEEN CECILIA MCSWIGGAN - - - Philadelphia, Pa.
 ROBERT DOUGLAS MERINGOLO - - - Brooklyn, N. Y.
 ALBERT VICTOR METZ, JR. - - - Neptune, N. J.
 JOHN THOMAS MILLINGTON, JR. - - - New Cumberland, Pa.
 PETER JOHN MLYNARCZYK - - - Gibbsboro, N. J.
 WILLIAM GEORGE NEGENDANK, III - - - Wilmington, Del.
 LEROY JOHN NELSON - - - Bridgeville, Pa.
 MARK NISSENBAUM - - - Reading, Pa.
 ALLEN OKIE - - - Upper Darby, Pa.
 THOMAS ALEXANDER OKULSKI - - - South River, N. J.
 ANN O'NEILL - - - Norristown, Pa.
 MEREDITH KWOCK LEONG PANG - - - Honolulu, Hawaii
 JOHN MICHAEL PENTA - - - Reading, Pa.
 MORRIS ARTHUR POLLOCK - - - Pittsburgh, Pa.
 GARY G. POUPKO - - - Philadelphia, Pa.

VINCENT THOMAS RANDAZZO - - - Fords, N. J.
 JAN THOMAS RAYNAK - - - Greensburg, Pa.
 STANTON M. RAYNES - - - Philadelphia, Pa.
 EDWARD ALTON RICKETTS - - - Los Angeles, Calif.
 THOMAS ALBERT RIZZO, JR. - - - Philadelphia, Pa.
 EARL WILLOUGHBY ROBISON - - - Westmont, N. J.
 CAROLE YUKIMI ROKUI - - - Waipahu, Hawaii
 PAUL J. ROSENBERG - - - Haddonfield, N. J.
 ALAN LANCE SCHEIN - - - Bala-Cynwyd, Pa.
 LEONARD F. SCHICKLING - - - Clearfield, Pa.
 JOHN CHARLES SCHIRO - - - Easton, Pa.
 ELIZABETH ANN RUTH SCHROEDER - - - Milford, Conn.
 NEIL STANFORD SCHWALB - - - Philadelphia, Pa.
 STEPHEN M. SCHWARTZ - - - Philadelphia, Pa.
 S. NEITZ SEIBERT - - - Reading, Pa.
 BENJAMIN PINCUS SELTZER - - - Philadelphia, Pa.
 ROBERT PHILIP SHACK - - - South Orange, N. J.
 FRED PAUL SHERMAN - - - Philadelphia, Pa.
 WILLIAM H. SHERMAN - - - Merion Station, Pa.
 JOHN WADE SHIGEOKA - - - Swarthmore, Pa.
 JAY SAMUEL SKYLER - - - Philadelphia, Pa.
 BARRY SAMUEL SMITH - - - Windber, Pa.
 WILLIAM JOHN SNAPE, JR. - - - Haddonfield, N. J.
 NORMAN FRED SOKOLOFF - - - Philadelphia, Pa.
 ROBERT CARL SPAHR - - - Springfield, Pa.
 SUZANNE RUTH SPRINGER - - - Harrisburg, Pa.
 ELIZABETH MARIE STABINSKI - - - Media, Pa.
 JAMES ANTHONY STOCKMAN, III - - - Chester, Pa.
 WILSON WILLARD STRONG, JR. - - - La Jolla, Calif.
 THOMAS EDWARD SULLIVAN - - - Fall River, Mass.
 KENNETH GEORGE TERKELSEN - - - Centerville, Mass.
 EUGENE LAWRENCE TIMINS - - - West Orange, N. J.
 DONALD NICHOLAS TOMASELLO - - - Glassboro, N. J.
 ANTHONY STEPHEN TORNAY, JR. - - - Philadelphia, Pa.
 JAMES WILSON TOWNSEND, JR. - - - Doylestown, Pa.
 VICTOR BERNARD TUMA - - - Springfield, N. J.
 ANDREW BUCHANAN WALKER - - - Atlantic City, N. J.
 LINDA MERLE LEVIN WEINBERG - - - Philadelphia, Pa.
 PAUL MORRIS WEINBERG - - - Levittown, Pa.
 MITCHELL ALAN WEINSTEIN - - - Broomall, Pa.
 KENNETH LEE WIBLE - - - Youngwood, Pa.
 JAMES WINTER - - - Forest Hills, N. Y.
 JOHN CLARENCE WIRTH, JR. - - - Philadelphia, Pa.
 JESSE HARTZELL WRIGHT, III - - - Hollidaysburg, Pa.
 EDWARD BOOTH YELLIG - - - Pittsburgh, Pa.

CANDIDATE FOR THE DEGREE OF MASTER OF SCIENCE

JACLYNNE HORN LAXON (Physiology) - - - Lake Bluff, Ill.
 Thesis: "Preparation and Biological Characteristics of a Pancreatic Secretagogue other than Secretin and Pancreozymin."

GEOGRAPHICAL RECAPITULATION

THE MEDICAL COURSE

PENNSYLVANIA - - - 101	NEW JERSEY - - - 31
CALIFORNIA - - - 2	NEW YORK - - - 12
CONNECTICUT - - - 3	OHIO - - - 1
DELAWARE - - - 4	PANAMA - - - 1
HAWAII - - - 2	WEST VIRGINIA - - - 3
HONG KONG - - - 1	VIRGINIA - - - 1
MAINE - - - 1	
MARYLAND - - - 1	
MASSACHUSETTS - - - 3	
TOTAL - - -	167

The foregoing additions bring the total number of Graduates in the Medical Course to 21,320.

THE MEDICAL SCIENCES

PENNSYLVANIA - - - 4	
ILLINOIS - - - 2	
KENTUCKY - - - 1	
NEW JERSEY - - - 1	
NEW YORK - - - 2	
OHIO - - - 1	
HONG KONG - - - 1	
UGANDA - - - 1	
TOTAL - - -	13

The foregoing additions bring the total number of names on the list of Graduates in the Basic Medical Sciences to 176.

AWARDS and PRIZES

Awarded at Class Day Exercises on Thursday, June 5, 1969

The Christian R. and Mary F. Lindback Awards for Distinguished Teaching to IRVING JOEL OLSHIN, B.A., M.D., Professor of Pediatrics and SAVINO ALBERT D'ANGELO, A.B., M.S., Ph.D., Professor of Anatomy (Histology and Embryology).

The Charles W. LaBelle Prize. Given by Mrs. LaBelle and family in memory of her husband Charles W. LaBelle, Ph.D., Assistant Professor of Preventive Medicine (Environmental Hygiene) to an outstanding candidate for the degree of Doctor of Philosophy, to

EVA BROWN CRAMER

The Albert Strickler Memorial Prize. To be given annually by Mrs. Albert Strickler to a Senior Student for the best essay on Cancer, to

JUDITH MARION COOPER

The Henry M. Phillips Prize. Awarded upon the recommendation of the Professor of Medicine to the graduate, in his opinion, most worthy, to

WILLIAM JOHN SNAPE, JR.

With Honorable Mention of Frederick John Dudenhoefer

The Henry M. Phillips Prize. Awarded upon the recommendation of the Professor of Surgery to the graduate, in his opinion, most worthy, to

WALTER JAMES FINNEGAN

With Honorable Mention of Jonathan S. Kaplan

Practice Prize. A Gold Medal, awarded by bequest of Dr. Francis W. Shain, for the best essay on a subject pertaining to the Practice of Medicine, to ROBERT ABEL, JR.

With Honorable Mention of Linda Levin Weinberg

Clinical Surgery Prize. A Gold Medal for general excellence in Clinical Surgery, in memory of Francis Torrens Stewart, Professor of Clinical Surgery, the Jefferson Medical College, 1910-1920, to

PETER JOHN MLYNARCZYK

With Honorable Mention of Donald Nicholas Tomasello

Solomon Solis-Cohen Memorial Prize. Given by members of the family in memory of Professor of Clinical Medicine, Emeritus, S. Solis-Cohen, for the best essay in the field of Clinical Medicine by a member of the Senior Class, to

JAY SAMUEL SKYLER

Gynecology Prize. In memory of Professor of Obstetrics and Gynecology, Emeritus, Lewis C. Scheffey, M.D., to be given annually by Mrs. Albert Strickler, to a Senior Student, for the best examination, thesis and general excellence in Gynecology, to MITCHELL ALAN WEINSTEIN

Orthopedic Surgery Prize. By Professor Anthony F. DePalma, M.D., for general excellence in Orthopedic Surgery, to

NORMAN FRED SOKOLOFF

With Honorable Mention of Harold Roger Hansen

Urology Prize. Given by Mrs. Fetter, in memory of Dr. Theodore R. Fetter, The Nathan Lewis Hatfield Professor of Urology and Head of the Department, for general excellence in Urology during the Junior and Senior Years, including preparation of reports of in and out patients, examinations and final summary of work in Urology, to

FRED PAUL SHERMAN

The Edward J. Moore Memorial Prize in Pediatrics. Given in memory of Edward J. Moore, M.D., to the Senior Student demonstrating the greatest aptitude in Pediatrics, to

ROBERT CARL SPAHR

With Honorable Mention of Paul Morris Weinberg

The Henry Keller Mohler Memorial Prize. Given by Mr. Jesse Hubschman in memory of his wife, Natalie, to honor Henry Keller Mohler, M.D., to the Senior Student manifesting the greatest aptitude and interest in the general field of Therapeutics, to

RICHARD ALAN INSEL

With Honorable Mention of David Frederick Henderson

The Lowell Ashton Erf Prize. Given by Mrs. Erf in memory of her husband, Lowell Ashton Erf, M.D., to the Senior Student demonstrating seriousness of purpose, aptitude and ability in the field of Medicine, to

JUDITH MARION COOPER

With Honorable Mention of Jay Samuel Skyler

Psychiatry Prize. To the Senior Student writing the best thesis on Psychiatry, to
JESSE HARTZELL WRIGHT, III

S. MacCuen Smith Memorial Prize. A Gold Medal given by Mrs. Stuart Lodge Bullivant in memory of her father to the member of the Senior Class judged most worthy of recognition for ability in the field of Otology, to
STEPHEN MORTON SCHWARTZ
With Honorable Mention of Charles Christian Briggs, II

The Carroll R. Mullen Memorial Prize in Ophthalmology. This award is given annually to the Senior Student who has received the highest grade in Ophthalmology, to
KAY ELLEN BURDETTE FRANK

Obstetrics and Gynecology Prize. In Honor of Professor of Obstetrics and Gynecology, Emeritus, John B. Montgomery, M.D., to be given annually by Mrs. Sarah George Miller, to a Senior Student, for the best examination, thesis and general excellence in Obstetrics and Gynecology during the entire curriculum, to
PETER MICHAEL FARMER

The Leandro M. Tocantins Memorial Prize. Given by Mr. and Mrs. Milton Hubschman to the Senior Student manifesting the greatest aptitude and interest in the field of Hematology, to
JUDITH MARION COOPER

The Baldwin L. Keyes Prize in Psychiatry. In Honor of Professor of Psychiatry, Baldwin L. Keyes, M.D., Sc.D., Emeritus, given annually by Mr. and Mrs. Joseph H. Levit to the Senior Student considered most worthy by the Department of Psychiatry, to DALE BARTLETT GOUGER

William Potter Memorial Prize. The income from a bequest of Mrs. Adaline Potter Wear, offered to encourage excellence in the clinical branches of medicine and awarded to that graduate attaining the highest general average in the final two years of the medical course, to
JONATHAN S. KAPLAN

Alumni Prize. By the Alumni Association, a Medal for the highest cumulative academic record, to
WALTER JAMES FINNEGAN

Anesthesiology Prize. Awarded upon the recommendation of the Professor of Anesthesiology to a Senior Student who has shown general excellence in the field of Anesthesiology, to
LEE ARNALL MALIT and GARY GABRIEL POUPKO

The Paul Pinchuck Memorial Prize. Created by gifts and contributions from friends and colleagues of the late Doctor Pinchuck, Assistant Professor of Biochemistry at Jefferson Medical College 1966-1968, to perpetuate his memory. The award is to be made to an outstanding student completing graduate studies in Biochemistry, to
MARIANNE LOUISE EGAN

The Lange Medical Publications Prizes. A gift of four Lange Publications books to each of two outstanding Senior Students, to
ANTHONY STEPHEN TORNAY, JR. and ROBERT ELLIOTT JACOBSON

W. B. Saunders Company Prize. Medical Publications to the student who has attained the highest scholastic average for the Senior Year, to
HAROLD ROGER HANSEN

The C. V. Mosby Company Prizes. Awarded to five outstanding graduates.
WILLIAM JOHN SNAPE, JR. JONATHAN S. KAPLAN
FREDERICK JOHN DUDENHOEFER DAVID FREDERICK HENDERSON
JAMES ANTHONY STOCKMAN

The Richard W. Foster Prize. A prize to be given to an outstanding student selected by the College for the purchase of books at the Rittenhouse Book Store, to
RICHARD ALAN INSEL

Upjohn Achievement Award. To be given to a Senior Medical Student who shows outstanding all-around achievement in Clinical proficiency, to
WALTER JAMES FINNEGAN

DOCTOR OF LETTERS—WILLIAM POTTER WEAR

William Potter Wear was born in St. Louis, Missouri, and was educated at Chestnut Hill Academy and at Yale University, also receiving Certification in Naval Architecture from Temple University.

He has served successively, and with unusual distinction, with Drexel and Company, Cassatt and Company, and as publisher of The Jenkintown Times Chronicle, the key newspaper of a large group. He continues as a director of Vision, Inc., of Cambridge Scientific Industries, and of F. G. Okie, Inc. He is a member of The Advisory Board of the Girard Trust Bank. He served his country in the Second World War as Commander in the United States Navy.

Mr. Wear is an outstanding public spirited citizen and civic leader, contributing guidance in many phases of government, in charitable organizations, in ecology and conservation, and in various agricultural and animal husbandry activities. In addition, he is an enthusiastic amateur athlete and sportsman.

Throughout his life his concern has deepened in matters of education and educational opportunities for all, including that for the handicapped. He has served on the Pennsylvania Employment Board in the Department of Public Assistance, and as its Chairman.

Joining the Board of Trustees of The Jefferson Medical College of Philadelphia in 1941, Mr. Wear is carrying on his family's tradition of distinguished leadership and loyalty to our Institution, now totaling 75 years. He was preceded by Trustee and President William Potter, by Trustee Joseph W. Wear, and by Mrs. Joseph W. Wear who presided over the Women's Board of the Hospital.

Jefferson's long history and tradition of excellence is now gaining new dimensions and broader horizons. Mr. Wear stands as a major force, especially through his membership on the College Committee of the Board, in achieving this new image and direction.

Presented by: Brandon Barringer, A.B., Sc.D. (Hon.)
Chairman of the Finance Committee of the Board of Trustees

DOCTOR OF LAWS—JOHN H. GIBBON, JR.

John H. Gibbon, Jr. was born in Philadelphia in 1903. A fifth generation physician and third generation Jeffersonian, he pursued his undergraduate education at Princeton University where he received a Bachelor of Arts in 1923. Four years later he graduated from The Jefferson Medical College where his father, John H. Gibbon, Sr., M.D., was Professor of Surgery.

Doctor Gibbon, Jr. interned at the Pennsylvania Hospital and then served several terms ('30-'31; '34-'35) as a Research Fellow in Surgery at the Harvard Medical School. It was during his stay at Harvard that the idea of a heart-lung machine was conceived following an all-night vigil with a critically ill patient.

Doctor Gibbon also served as a Fellow in Medicine ('30-'34) and a Harrison Fellow in Surgical Research ('36-'42) at the University of Pennsylvania. He entered the United States Army Medical Corps in 1942 and was discharged as a Lieutenant Colonel in 1946. He then was invited to return to his alma mater and was appointed Professor of Surgery and Director of Surgical Research at the Jefferson Medical College. In 1956 he was elected the Samuel D. Gross Professor of Surgery and Head of the Department. Professor Gibbon retired in 1967 and is at present the Samuel D. Gross Professor of Surgery Emeritus.

During his years as a Research Fellow at the University of Pennsylvania and his early years at Jefferson, he and his associates worked diligently and oftentimes discouragingly on the heart-lung apparatus. However, their efforts were rewarded in May of 1953 when they performed the first successful open heart operation using his machine on a human patient at the Jefferson Medical College Hospital. This pioneering effort made possible the development of modern heart surgery—a singular achievement in the care of the sick.

In addition to his major interest in cardiac surgery, Doctor Gibbon is a recognized authority in the diagnosis and surgical management of lung cancer.

Professor Gibbon is a member of innumerable academic and professional societies, and has served as President of the American Surgical Association, the Society of Clinical Surgery, the American Association for Thoracic Surgery, the Pennsylvania Association for Thoracic Surgery, the Society for Vascular Surgery, and the College of Physicians of Philadelphia. In addition, he has been made an Honorary Fellow of the Royal College of Surgeons of England and the Society of Thoracic Surgeons of Great Britain and Ireland.

He is the recipient of countless awards and distinctions in appreciation and recognition of his contribution and achievement in surgery. Among these are the 1968 Albert Lasker Award for Clinical Medical Research, the Philadelphia Award, the John Scott Award from the City of Philadelphia, the Distinguished Service Award from the International Society of Surgery, the Strittmatter Award from the Philadelphia County Medical Society, and the Distinguished Service Award from the Pennsylvania Medical Society. He has received an honorary Doctor of Science from his alma mater, Princeton University, as well as the University of Pennsylvania, the University of Buffalo, and Dickinson College. He has also been honored by the University of Toronto, St. Joseph's College in Philadelphia, and Tulane University.

Doctor Gibbon is married to the former Mary Hopkinson. They have four children and seven grandchildren.

Presented by: Thomas David Duane, B.S., M.S., M.D., Ph.D.
Professor of Ophthalmology and Head of the Department

DOCTOR OF HUMANE LETTERS—FREDERICK K. MILLER

Doctor Frederick K. Miller, Commissioner of Higher Education of the Commonwealth of Pennsylvania, received the Bachelor of Arts degree at Lebanon Valley College in 1929, the Master of Arts in 1931 and Doctor of Philosophy in 1948, both from the University of Pennsylvania.

He held a faculty position in history at the University of Pennsylvania from 1931 to 1933, then he moved to the Harding Junior High School where he taught social studies. From 1934 to 1939 he taught social studies and coached basketball at Lebanon Valley Senior High School.

In 1939 he returned to Lebanon Valley College as chairman of the History Department, became assistant to the President in 1948, Acting President in 1950 and President from 1951 until 1967 when he was called to his present post of Commissioner of Higher Education. During the Second World War he served with distinction in the United States Army.

He has contributed to the affairs, among others, of the Pennsylvania Association of Colleges and Universities as Secretary, Vice-President and President; the Master Plan Advisory Committee for Pennsylvania; the Advisory Committee to the Pennsylvania State Commission on Academic Facilities; the Board of Directors of the University Center at Harrisburg, as chairman; the Foundation for Independent Colleges; and the Commission on Higher Education of the Middle States Association of Colleges and Secondary Schools. His creative authorship has produced many scholarly literary contributions.

Doctor Miller's community and civic activities include the Y.M.C.A. (receiving the Pennsylvania State Y.M.C.A. Master of Men Award), the American Cancer Society, Good Samaritan Hospital at Lebanon, the Chamber of Commerce, Historical Societies, and many others.

He has received honorary degrees from four outstanding educational institutions. In recognition of his academic attainments, his administrative acumen, his leadership in educational affairs in Pennsylvania, and as a public spirited citizen, The Jefferson Medical College of Philadelphia is pleased today to bestow upon Doctor Frederick K. Miller, the honor of the degree of Doctor of Humane Letters.

Presented by: James M. Large, B.S., L.H.D. (Hon.)

Chairman of the Board of Trustees

THE ACADEMIC COSTUME

The wearing of academic dress dates back to the early days of the oldest universities in the world. In the American Council on Education's book entitled "American Universities and Colleges" it is suggested that "Gowns may have been counted necessary for warmth in the unheated buildings frequented by medieval scholars. Hoods seem to have served to cover the tonsured head . . ."

Throughout the years European universities have continued to show great diversity in their academic dress. American universities, on the other hand, when they decided to adopt academic dress about fifty years ago, immediately established a code of regulations which today is followed by almost all American institutions. The establishment of this code has made it possible to distinguish the Bachelors, Masters, and Doctors and at the same time recognize the university which has given them the degree.

The Bachelor's gown has pointed sleeves and is worn closed. The Master's gown has oblong sleeves, open at the wrist. The rear part of its oblong shape is square cut and the front part has an arc cut away, and is worn open or closed. The Doctor's gown has bell-shaped sleeves. It is worn opened or closed. Cotton poplin or similar material is used for the Bachelor's and Master's degrees, and rayon or silk ribbed material is used for the Doctor's degree.

The hoods vary in length: 48 inches for the Doctor's degree, 42 inches for the Master's, and 36 inches for the Bachelor's. All hoods are lined in silk in the academic color or colors of the institution conferring the degree. If the institution has more than one color, the colors are shown in divisions using chevrons. The binding or edge of the hood is usually made of velvet in the color designating the subject in which the degree was granted.

Black mortarboards are worn for all degrees.

Some of the colors in the bindings of the hoods are:

<i>white</i>	- - - - -	Arts and Letters
<i>lilac</i>	- - - - -	Dentistry
<i>light blue</i>	- - - - -	Education
<i>green</i>	- - - - -	Medicine
<i>apricot</i>	- - - - -	Nursing
<i>olive green</i>	- - - - -	Pharmacy
<i>dark blue</i>	- - - - -	Philosophy
<i>salmon pink</i>	- - - - -	Public Health
<i>golden yellow</i>	- - - - -	Science

The colors of the linings of the hoods for some Philadelphia medical institutions are:

<i>red and blue</i>	- - - - -	University of Pennsylvania
<i>blue and white</i>	- - - - -	Philadelphia College of Pharmacy and Science
<i>black and blue</i>	- - - - -	Jefferson Medical College
<i>blue and gold</i>	- - - - -	Hahnemann Medical College
<i>silver gray and scarlet</i>	- - - - -	Woman's Medical College
<i>white and cherry</i>	- - - - -	Temple University



The Trustees
Faculty and Graduating Class
of
Jefferson Medical College
announce the
145th Annual Commencement
Friday, June the sixth
Nineteen hundred and sixty-nine
at half past ten o'clock
The American Academy of Music
Philadelphia
